

PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of )  
John Ketchum ) For: Method and Apparatus For  
Serial No. 09/978,337 ) Determining Power Allocation In A  
Filed: October 15, 2001 ) MIMO Communication System  
Examiner: Don Nugyen Vo  
Group No. 2631

## INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Applicants submit herewith, in accordance with 37 CFR § 1.98, the patents, publications and other information listed on the enclosed Form PTO-1449.

## CERTIFICATE OF MAILING/TRANSMISSION (37 CFR 1.8(a))

I hereby certify that this correspondence is, on the date shown below, being:

## MAILING

- ☒ deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

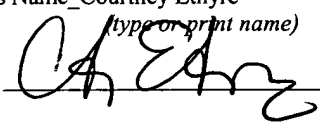
## FACSIMILE

- ☐ transmitted by facsimile to the Patent and Trademark Office.

Depositor's Name\_ Courtney Etnyre

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Date: March 7, 2005

Signature: 

03/11/2005 MMEKONEN 00000013 170026 09978337  
02 FC:1806 180.00 DA


The references submitted herewith are those of which Applicants are aware, which they believe may be material to the examination of this application and, with respect to which there may be a duty to disclose in accordance with 37 CFR § 1.56. While the references identified may be material to the examination of this application pursuant to 37 CFR § 1.56, the citation of these references is not intended to constitute an admission that any reference referred to herein is prior art to the invention of this application unless specifically designated as such. Additionally, the filing of this Information Disclosure Statement shall not be construed to mean that any search has been made or, that if made, such search was complete or exhaustive, or that no other material information as defined in 37 CFR § 1.56 exists.

This Information Disclosure Statement is being submitted in accordance with 37 CFR § 1.97(c). A list of the references is set forth on Form PTO-1449, which is enclosed herewith, along with a copy of each cited reference (copies of U.S. references are not enclosed). Applicants respectfully request that the Examiner return to Applicants a copy of the Form PTO-1449 indicating consideration of the references cited thereon.

Please charge Deposit Account No. 17-0026 of QUALCOMM Incorporated in the amount of \$180.00 for the fee set forth in 37 CFR § 1.17(p). The Commissioner is hereby further authorized to charge payment of any additional fees that may be required, or credit any overpayment, to Deposit Account No. 17-0026. A duplicate of this sheet is enclosed.

Respectfully submitted,

Dated: March 7, 2005

By:   
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FORM PTO-1449 (REV. 7-80)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 010467	SERIAL NO. 09/978,337
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		APPLICANT John Ketchum	
		FILING DATE October 15, 2001	GROUP 2631
DATE MAILED: March 7, 2005			

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	A1						
	A2						
	A3						
	A4						
	A5						
	A6						

## U.S. PATENT APPLICATION PUBLICATION DOCUMENTS

*EXAMINER INITIAL		PUBLICATION NUMBER	PUB. DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	B1						
	B2						

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	Ref No	DOCUMENT NUMBER	DATE	COUNTRY	NAME	CLASS	SUB CLASS
	C1						
	C2						
	C3						
	C4						
	C5						

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Page, Etc.)

	D1	Robert Gallager "Information Theory and Reliable Communication" John Wiley and Sons, Inc. (1968)
		Simon Haykin "Adaptive Filter Theory" Information and System Sciences Series. Prentice-Hall Inc., Englewood Cliffs, New Jersey, second edition (1991)
	D2	William H. Press, Saul A. Teukolsky, William T. Vetterling and Brian P. Flannery "Numerical Recipes in C. Cambridge University Press, second edition (1992)
	D3	
EXAMINER		DATE CONSIDERED
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		